PATENT COOPERATION TREATY



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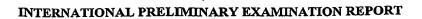
INTERNATIONAL PRELIMINARY EXAMINATION REPORT

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INTER	NATIONAL PRELIMI		ATION REPORT		
Applicant's or agent's file reference	(PCT Article	36 and Rule 70)	ication of Transmittal of Internati		
9FG35616-PCT	FOR FURTHER A		Examination Report (Form PCT/IPEA/4		
International application No. PCT/JP2003/004221	International filing da	ate (day/month/year) 3 (02.04.2003)	Priority date (day/month/year) 04 April 2002 (04.04.2002)		
International Patent Classification (I	<u> </u>	nd IPC			
Applicant	KABUSHIKI KA	ISHA TOSHIBA			
This report is also ac amended and are the 70.16 and Section 60.16 annexes consists.	basis for this report and/or sheep of the Administrative Instruction of a total of	sheets of the descript ets containing rectific tions under the PCT).	sheet. ion, claims and/or drawings which have ations made before this Authority (see		
 This report contains indicated Basis of the 	ions relating to the following it	ems:			
II Priority	•				
III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability IV Lack of unity of invention					
					Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability citations and explanations supporting such statement
VI Certain doc	suments cited				
VII Certain def	ects in the international applica	tion			
VIII Certain obs	ervations on the international a	pplication			
		·			
Date of submission of the demand		Date of completion	of this report		
22 September 200	3 (22.09.2003)	19	March 2004 (19.03.2004)		
Name and mailing address of the II	РЕА/ЈР	Authorized officer			
Facsimile No.		Telephone No.			



Internation Application No.
PCT/JP2003/004221

I.	Basis	of the re	port
1.	With	regard to	the elements of the international application:*
	\boxtimes	the inte	mational application as originally filed
		the desc	cription:
	_	pages	, as originally filed
		pages	, filed with the demand
		pages	, filed with the letter of
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	ш	pages	
		pages	, as amended (together with any statement under Article 19
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	Ll t	he seque	nce listing part of the description:
		pages	, as originally filed
		pages	, filed with the demand
		pages	, filed with the letter of
2.			o the language, all the elements marked above were available or furnished to this Authority in the language in which hal application was filed, unless otherwise indicated under this item. Its were available of the language which is:
		the lang	guage of a translation for the purposes of international search (under Rule 23.1(b)). 🖟 💢 🚜
		the lang	guage of publication of the international application (under Rule 48.3(b)).
	Ш	the langer or 55.3	guage of the translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/).
3.	With	regard minary ex	to any nucleotide and/or amino acid sequence disclosed in the international application, the international camination was carried out on the basis of the sequence listing:
	Ц	contain	ed in the international application in written form.
		filed to	gether with the international application in computer readable form.
		furnish	ed subsequently to this Authority in written form.
	Ш	furnish	ed subsequently to this Authority in computer readable form.
		The sta	atement that the subsequently furnished written sequence listing does not go beyond the disclosure in the tional application as filed has been furnished.
		The sta	stement that the information recorded in computer readable form is identical to the written sequence listing has rnished.
4.		The am	endments have resulted in the cancellation of:
			the description, pages
		_	the claims, Nos.
		$\overline{}$	the drawings, sheets/fig
5.		This rep	ort has been established as if (some of) the amendments had not been made, since they have been considered to go the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**
	in thi	scement s is report '0.17).	heets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to as "originally filed" and are not annexed to this report since they do not contain amendments (Rule 70.16
		•	ent sheet containing such amendments must be referred to under item 1 and annexed to this report,
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tatement			
Novelty (N)	Claims	1-7	YES
	Claims		NO
Inventive step (IS)	Claims	1-7	YES
	Claims		NO NO
Industrial applicability (IA)	Claims	1-7	YES
	Claims		NO

2. Citations and explanations

Document 1: JP, 58-151371 A (Sumitomo Electric Industries, Ltd.), September 8, 1983

Document 2: JP, 2002-60276 A (Toshiba Corp.), February 26, 2002

Document 3: JP, 2001-335369 A (Toshiba Corp.), December 4, 2001

Document 4: JP, 2002-29847 A (Toshiba Corp.), January 29, 2002

Document 5: JP, 5-279130 A (Sumitomo Cement Co., Ltd.), October 26, 1993

Document 6: JP, 4-367564 A (Mitsubishi Heavy Industries, Ltd.), December 18, 1992

Document 7: JP, 63-30366 A (HITACHI, LTD.), February 9, 1988

Document 8: US, 5085806 A (HITACHI, LTD.), February 4, 1992

Claims 1-7

None of the documents cited in the international search report describes the inventional in claims 1 through 7, nor are these obvious to a person skilled in the art.